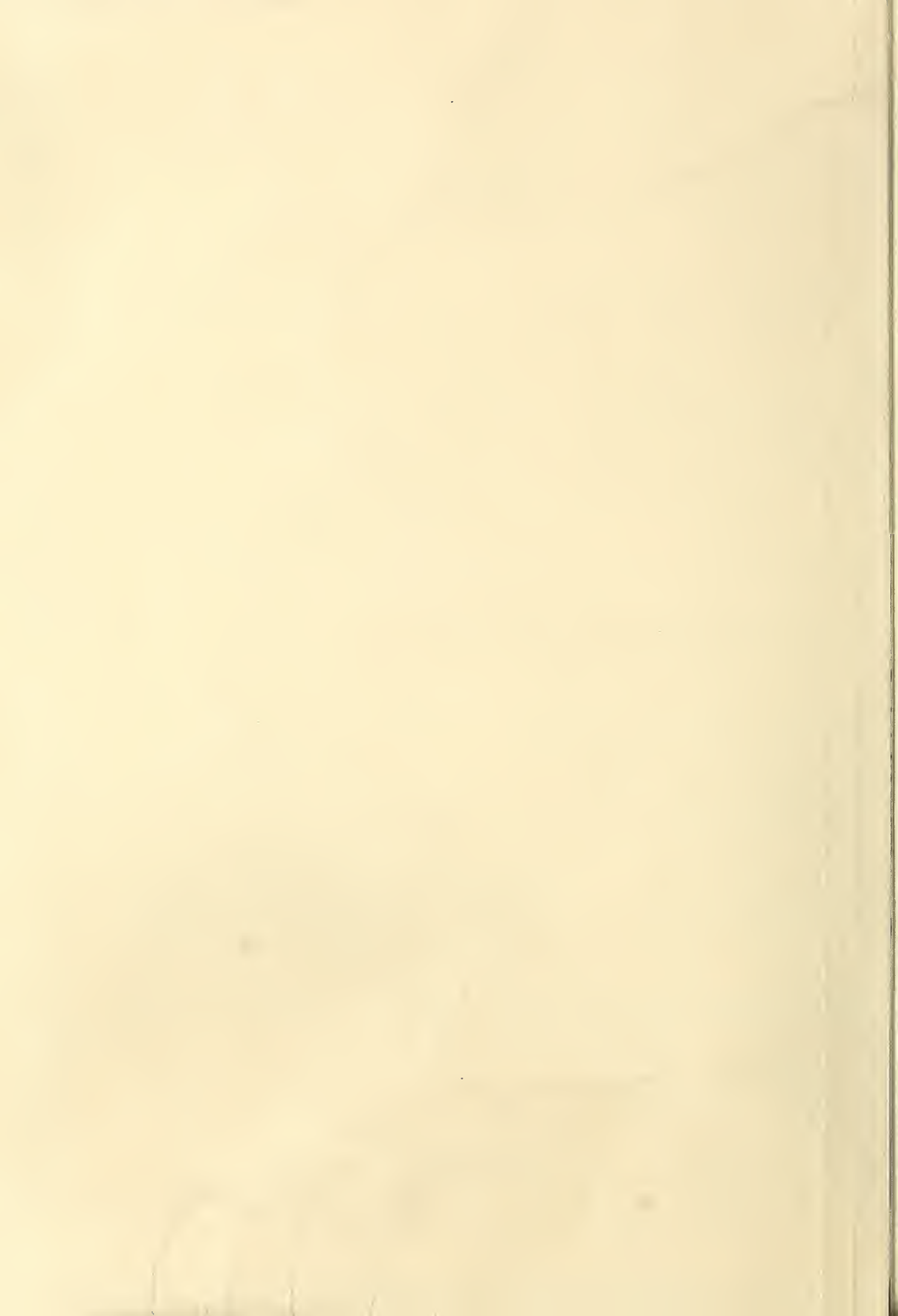


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SEPTEMBER, 1910

# THE INDUSTRIOUS HEN

ONE YEAR 50c---THREE YEARS \$1

AN ILLUSTRATED MONTHLY  
FOR  
POULTRY, LIVE STOCK AND THE FARM



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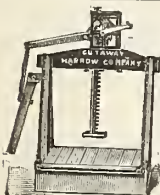
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# THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 7

Knoxville, Tenn., September, 1910

(Whole No. 75)

No. 4

## After the 200-Egg-a-Year Hen, More Eggs

If a Hen Lives 365 Days, Why is 200 Eggs, with Good Feed, Care and Management, Degeneracy?

By O. F. Sampson, Youngs, N. Y.

EVERY month our poultry press has something to say of the 200-egg hen. It isn't so common to see one deride her now as it was about 10 years ago to find the same unbelief in the 150-egg hen, simply because the 200-egg hen is here. We are now looking for 250 eggs per year per hen, and as sure as hens grow and lay, she will come. Years ago no one gave particular stress to the laying hen. Poultry associations sprung up, and feathers, flesh, form and color were given special attention. Thousands of poultrymen bred beautiful show-birds, and always will, because they are worthy to show. Lately it is noted that the *laying hen* pays always—not merely at show time or for fanciers alone. Best of all, these good points can, and are being combined by utility poultrymen.

I am going to admit—yes, I am going to say that the hen that lays 150, or 200 eggs per year is a hen that has had, and must have good care, good feed, and good quarters. But it does not require extraordinary care to gain this result. I had six Rose Comb Brown Leghorns May 1st, 1908, and one died in November that year. From these birds I got 1186 eggs from May 1st, 1908, to May 1st, 1909; and moved March 1st, 1909, over a mile and a half to a new home, and not very good quarters for them. This is an average of five and a half hens for the year, as one of the six died in November. Thus they laid 215 eggs per hen for 12 months. I want to add that the ages of these hens were from two to seven or eight years each. And some don't think it pays to keep hens after about two years old! I believe it pays to keep them as long as they lay—at least 200 eggs each.

I believe it's better to try to produce a 200-egg hen than to be satisfied with a 100-egg average. I don't expect to find a good table fowl in a 200-egg layer, and seldom a good show bird with 200 or better record; but I believe it is altogether possible and not hurt either of her good points—nor her owner. Her value will be higher in dollars and her owner will make more money and have more fun than the man who is willing to breed as it comes along. I don't believe a certain weight, or color, or particular noise will either help or hinder her good laying in general.

The time is fast coming when the good layer will be no more a monstrosity, or freak, or marvel than a good show bird; but she will be a good thing for her owner at least 200 days in the year—if she lays 200 days or more. Of course, she may possibly injure or kill herself laying by using up her vitality, as some writers and poultrymen believe; but whenever you notice it, isn't it the hen of best vigor, vitality and health that does the laying? Right along this line I desire to say I'm quite dissatisfied with the word "average" as applied to a hen's laying. We know a hen may lay on many things, if her accommodations are poor, and circumstances compel her to do so, but I never saw a hen lay "on an average." Yet we use this word altogether too often, and its meaning is obscure. A hen either lays more or less than a certain number, or she lays more or less than her companions. It's not fair to take the total yield from a flock for a year, or any time, and divide it by the number of hens, and say my hens averaged so many eggs each last year, etc. They didn't do so because average relates to *value*, not to *number*, and a hen isn't responsible for the value of her eggs, I don't believe. Besides it doesn't mean

anything in our case, as relating to the laying of any part of our flocks. If we don't keep tab on our birds we don't know, and *average* doesn't help much. I am willing that every breeder shall decide for himself the number of eggs per year his hen shall lay. For myself, I think two hundred is well enough, but others may not, and if they can produce a 250-egg strain, I should be glad to have them. So should every poultryman. Suppose the farmer who produced ten quarts of milk from his cow had been satisfied. There would have been no twelve or fourteen quart cows. Just so in horses, a medium, draft, race, or polo, etc., strain of horses would have always been. I am confident that many twelve quart cows are better in every way than many ten or eight quart cows, and I know many dairymen know this. They produce the goods for years, too, and more are being bred yearly from these cows. This same idea is true in all our industries. Travel is faster than twenty years ago; labor is faster; possibly our lives are faster, but who would care to change back?

I don't believe it pays to be radical upon this matter either way. I don't care to see a 300-egg hen today, nor do I care to have all my hens lay 200 eggs each per year; but I do believe many of them could be made to produce 200 eggs in 365 days and not hurt anyone a bit, and moreover, I believe I have some doing it, though I'm not keeping individual tab on them this season. I do believe some breeds will do it easier and with less feed and labor than others, just the same as some men, cows, or horses vary in work or feed. Anyhow, I'm interested in the 200-egg hen and hope more poultrymen will be. But the fact remains that there are many today who don't believe a 200-egg hen exists, while some believe they do exist in isolated cases, perhaps. A few believe they do exist, but prophesy all kinds of trouble to them. They are degenerates, monstrosities, etc., and contend if they are bred in large numbers that the business, or the owner, or the hen will be ruined. Well, I can only say four of the Leghorns in question above are still living and laying eggs nearly every day, and two of them are at least seven or eight years old, and are not troubled in any way that I can notice. Isn't this proof that laying hens may live quite as long and may die as happy as any hen? Their song will be missed by me quite as much as their eggs when they do go, and I don't expect them to stay with me much longer. In fact, I expected they would be dead long ago, but they have proven to me that layers are payers, of whatever breed they may be, or even a cross; though I steadfastly believe in breeding pure breeds for layers.

### The Tennessee State Fair

Not since the organization of the Tennessee State Fair has the opportunity been so favorable for a representative exhibit of the products of the great State of Tennessee. Marvelous production, thousands of acres added to the productive area, and intelligent use of the rich soil have placed Tennessee in the very front ranks of the wealth-producing States. The Tennessee State Fair is first of all a farmers' and stockmen's enterprise—the first aim being to properly show the products of the State and South.

Realizing that the people want entertainment as well,



the management has provided for speed contests of unusual merit, and a long list of high-class free attractions as secondary features following the plan of the most successful fairs of the country. The officers of the Tennessee State Fair are in earnest in their desire to widen the scope of the State Fair and make it what its name implies. Every county and every producer in Tennessee is invited to show the results of farms, of orchards and of factories. No better place can be found to exploit them and with the spirit of friendly rivalry, not only bring improvement and education to all, but give to the individual producer the recognition deserved.

The value of the State Fair to the industrial life is conceded everywhere, and it is the sincere hope of the present

larged and many new and attractive features have been added. The grounds will be brilliantly lighted, and the greatest display of fireworks ever attempted in the South will be one of the big features. The night entertainments will be more elaborate than ever before. Numerous additional classes have been added to the premium list for 1910. The live stock exhibit, which is conceded to be one of the best in the world will be greater than ever. Every breed of beef and dairy cattle, sheep and hogs will be represented with the very best specimens, and in large numbers.

The agricultural exhibit will be more extensive and instructive than ever. Great interest is being manifested by farmers throughout the state, more than ever before, and dozens of county exhibits have been promised. The poultry show is attracting the attention of poultry breeders throughout the United States, and will be a national exhibition. Peggy, the famous \$10,000 hen, will be seen at the State Fair this year. The exhibition of rare birds from almost every country on the globe, consisting of pheasants, cranes, waterfowls, etc., shown under their natural conditions, will be a sight seldom seen in a lifetime.

### The Utility Poultryman's Opportunities

Every year new avenues open up to the utility poultryman—new ways to dispose of his market produce at advancing prices. Only a few seasons back our poultrymen considered the city commission man his chief source of revenue. Since then co-operative associations have opened new sales and advanced prices for stock and eggs. The private trade with city and local consumers has also advanced prices considerably and given good satisfaction. For the past year or two a new trade has become quite general in this section, and while it only lasts from three to four months during the summer, the prices received are very satisfactory. This trade is from the keepers of summer boarding houses, whose guests are city people in the country for rest and recreation. They pay good prices for board, and eat a great supply of poultry and eggs, so the demand is very active during their stay. Like the summer shirt waist, some of these houses are summer boarding houses and some are not. Some are really apartment hotels with a capacity for two hundred or more guests. These are the places that demand poultry and eggs, especially if they are Jewish houses.

We have one man in this section giving his whole time from April 15 to September 15, buying eggs and poultry for these houses. At present (August 1st) he is paying 30 cents per dozen for eggs and 20 cents per pound for broilers, 16 cents for hens alive at our door. New York City prices are no better at regular wholesale quotation with express and commissions out. Usually our local dealers are



"Buster White," score 95½. 1st S. C. White Leghorn Cock, Knoxville, 1910. Bred and owned by A. J. Lawson, Cleveland, Tenn.

managers of the Tennessee State Fair to make it all that its friends desire. The State Fair is a place for exploitation of public and individual achievement and public resources. It exists because of a public demand for such an institution. Its attitude toward the public is to educate—to raise ideals and standards to a higher level; to point out natural wealth; to emphasize opportunities for increased prosperity. It furnishes an opportunity to study the best results of production and skill; gives new ideas for development of special lines of work, and points out new fields of opportunity for profit and pleasure.

The Tennessee State Fair, during the past four years, has grown until it is now recognized as one of the very best State Fairs in the Union. Located, as it is, in the very heart of the agricultural South, the very center of the coming agricultural and industrial empire of the world, and drawing as it does from long distances, north, east, south and west, it is naturally the great meeting place for the farmers, the breeders and the buyers. It is the State of Tennessee on exhibition. It is a great annual showing of its products, its manufactures, its crops, live stock, machinery, and all the methods and processes by which the State has attained its position in the world.

Every farmer has something or can easily have something worthy of a place in the Fair. Even if he takes no prize he has, first, the benefit of growing a good article; second, he can see by comparison wherein he lacks in some quality and will thereby be enabled to do better next time; third, and probably best of all, he is encouraging, by making an exhibit and attending the Fair, an institution that will do more for the State than anything else that could possibly be imagined. By reason of its location and natural surroundings, the Tennessee State Fair is destined to become the greatest State Fair in the Union.

Every citizen of Tennessee should feel a personal pride in this great work, which, after the coming exhibition passes under the control of the State and will thereafter be operated as a State institution. The Fair of 1910 will be given by the present organization, but under the supervision of the State Fair Board of Trustees, who will have charge of the various departments, in order that they may acquaint themselves with the departments, looking toward a greater Fair for the future.

The management of the Tennessee State Fair this year have looked after every detail that goes to make a Fair successful. All of the departments will be considerably en-



"LILY WHITE," score 96½. 1st at Knoxville, 1910.

Bred and owned by A. J. Lawson, the S. C. White Leghorn man, Cleveland, Tenn.

about 3 to 4 cents under these prices and somewhat sore. We hear of one that has placed a boycott upon the breeder or poultryman who sells to the boarding house man. So far as I am concerned, the fellow who pays the best price will get my eggs, whether he buys one month or one year of me. I have never had any trouble to sell eggs, and so long as they are in present demand, never expect to have. The progressive fellow who meets competition will win out over the kicker or sore one. All this goes to prove that New York or other big cities is not the only, or chief avenue of poultry and egg sales. It's up to the dealer to find the market, and



I'm willing to admit the question is becoming more difficult each year. The size of the business is, if city guests will eat 30 or 40-cent eggs in the country of only ordinary quality, going only through two hands, what should guaranteed table eggs be worth in the city going through several hands? Or, what should poultrymen be paid for guaranteed, fresh, clean, good-sized eggs by city dealers? Certainly city wholesale quotations are low if they are quoted less than the local prices at your door.

At present several breeders' eggs in this section are being sold and used by summer boarding houses. A few years ago this stock went to New York and other near-by cities, and our local men got only the culls from these goods. Why? Simply because our local men paid from 6 to 10 cents less for the goods than city prices. Today these shipments go to boarding houses, because these places pay the same or better prices than the city dealers. Our poultrymen are getting now what formerly went to others.

I know of several poultrymen near us today who have from fifty to five hundred hens whose eggs now all go to the boarding houses at good prices. If they sold to local dealers they would get from 4 to 6 cents less per dozen for their eggs, and if they shipped to New York on regular quotations, they would at least be out the express and commission charges. Under these circumstances it isn't difficult to see whom we should sell to, even five months of the year. The argument that our local dealer buys our eggs "the year 'round" doesn't appeal strongly to me just now, when the other fellow pays from 3 to 6 cents more per dozen. It isn't a pure business argument; and is it really unselfish? Hardly any other class of business men would use it. As a matter of fact the poultryman is under no more obligations to the egg-buyer than is the buyer to the producer or the consumer. It's a long-felt business rule to buy when we can get best prices and sell the same. Some one will find a remedy for these troubles soon, but who will it be?—O. F. SAMPSON, Youngs, N. Y.

### From Sunny Florida

"I have long been a poultry," says J. M. DePew, of Palma Sola, Fla., writing in *Southern Fancier*, "and make a living by it, or at least that is my leading business, and besides a living I have laid up a competence for old age or any inability. I am seventy-three and not expecting inability and do not want idleness, as inactivity begets ill health, and ill health long continued means imbecility. Now, what I want to say is this: You honest poultrymen that understand your whole business, simply ought to know better than to ship eggs during hot weather.

"You can take your strictly fresh eggs and hatch them all right in a first-class incubator, and then ship baby chicks and do an honest business; but is it honest to offer to ship the eggs during hot weather? I, at least, consider it a very foolish way to run a poultry business. I use trap nests and only raise economic fowls. *I am not a fancier.*

"I raise hens I guarantee to produce over 200 eggs per year. I do this by pure breeds, but I pay little attention to feathers. This may not be strictly orthodox, but it is honest to produce eggs and meat at minimum cost, and that is what the masses need, hence he who does that is the public benefactor.

"He who thinks he can get away with this statement, please try it.

"In my younger days I have cared for 2000 poultry alone. My wife did the incubating and I marketed all fowls alive, made my own crates and hauled four miles to shipping point, and shipped to Key West, Fla., and besides this, I raised all my green feed, teosinte, a kind of grass growing ten feet tall which I chopped in quarter inch pieces and fed with meal, shorts or bran as the season required."

### APPALACHIAN EXPOSITION SHOWS

September 12 to October 12.

Entries for Dog Show close September 12; Pigeon and Pet Stock Show, September 19; Poultry Show, September 24. Write to L. B. Audigier, Knoxville, Tenn., for premium lists and entry blanks, stating which show you are interested in. Passenger rate, one cent a mile on all railroads.

## Monster Poultry Plant at Jacksonville

A poultry plant with a capacity of 12,000 chickens every three weeks is to be installed at once in the immediate suburbs of Jacksonville to supply the local demand for eggs and poultry.

No, this is not a real estate booster's story. It is an actual fact and as proof of the statement a *Times-Union* representative has seen the original orders for 250,000 feet of lumber to be used in constructing the necessary buildings for the use of this plant and also the orders for two incubators having a capacity of 6,000 eggs each and for 300 brooders with a capacity of seventy-five young chicks each.

Several weeks ago the *Times-Union* published a story in regard to the arrival in Jacksonville of Mr. Charles S. Rybolt, of Mulberry, O., who was investigating conditions in this vicinity for the establishment of a poultry plant of immense capacity. Well, Mr. Rybolt is still here and the gentleman will be the manager of the 12,000 capacity plant mentioned above. The best part of it is, however, that it will be strictly a home enterprise and will result in Jacksonville having the largest poultry plant in the entire South and one of the largest in the United States.

The Lackawanna Spring and Hotel Company's poultry plant will occupy a space of 650 by 650 feet square—or an area of approximately ten acres. In addition to this there will be a range of at least 100 acres that can be utilized. There will be a farm of thirty-five acres devoted exclusively to the growing of green food for the poultry.

There will be two laying houses, each of which will be 163 by 625 feet, and these will be built in such manner that they can be tightly closed in when necessary and left open—with a wire mesh in front, in fine weather.

The brooder house will be a building 122 by 625 feet, containing 300 brooders, and each brooder will have a capacity of seventy-five young chicks.

Each of the laying houses will have sixty rooms and each room will have nests for forty hens. They will be finished inside with the latest planned nests and each room will be equipped with dropping boards in connection with the roosts.

Each of the houses will be equipped with feeding cars, operated on steel tracks running the entire length of each building. These cars will start from the feed house, which will be a separate building, forty by sixty feet. All of the buildings will be equipped with water pipes, bringing an abundant supply of pure water direct from the Lackawanna spring power house under pressure. Each of the buildings will have concrete drinking troughs the full length of the buildings. The latest planned feed boxes and all other appliances used in the great poultry plants in the North will be used.

At first the plant will be started with 1,000 White Leghorn hens and 100 White Leghorn cockerels. A contract has been awarded for 3,000 eggs a week—all White Leghorn eggs—from September 1 to January 1. It is proposed to keep the incubators going with this stock until the chicks are ready to supply eggs to continue the operation of the plant. Single Comb White Leghorns have been selected and will be the only variety used at this immense plant. They have been proven to be the earliest and best layers and are the strongest when first hatched of any other variety.

For disposing of the chicks and eggs the plant will have its own distributing depot in Jacksonville and in other cities if necessary. The eggs will be delivered in Jacksonville within six hours from the time they are laid, each egg being plainly stamped with the date and hour it is laid. All contracts for delivery will be made at the distributing depot and orders filled from this depot. Already several large hotels have applied for the products of the plant and are willing to make contracts for a large portion of the output.—*Jacksonville (Fla.) Times-Union.*

## Low Passenger Rates to Exposition

The railroads have granted a rate of one cent a mile to the Appalachian Exposition. From the points named, the round trip rates will be as follows:

### TENNESSEE RATES

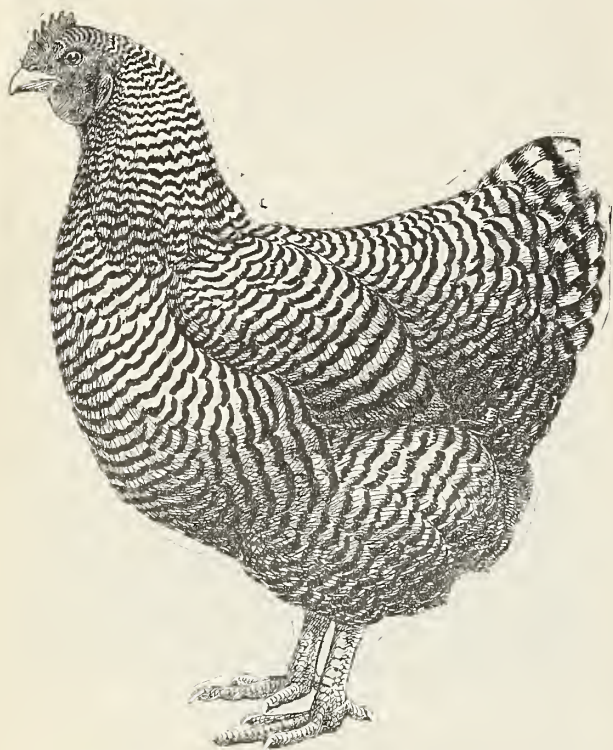
Bristol, \$3.40; Bluff City, \$3.15; Chattanooga, \$5.00; Cleveland, \$2.40; Clinton, \$1.20; Jonesboro, \$2.75; Johnson City, \$2.90; Kingsport, \$2.95; Morristown, \$1.60; Mountain City, \$4.15; Newport, \$2.05.

### VIRGINIA RATES

Dryden, \$2.50; Dorchester Junction, \$2.95; Ewing, \$2.15; Hubbard Springs, \$2.15; Pennington, \$2.40; Rose Hill, \$2.15;



Wheeler, \$2.15; Morton, \$3.00; Gate City, \$3.20; Appalachia, \$2.80; Ben Hur, \$2.30; Big Stone Gap, \$2.70; Hill, \$3.35; Ocoonita, \$2.25; Olinger, \$2.60; Speer's Ferry, \$3.20; Franklin, \$6.95; Danville, \$6.95; Rocky Mount, \$6.95; Amherst, 7.25; Burkeville, \$8.20; Charlottesville, \$8.15; Culpepper, \$9.05; Harrisonburg, \$9.75; Manchester, \$9.45;



"Jeanette," 1st prize Hen Louisville Poultry Show; owned and exhibited by Pope & Pope, Louisville, Ky.

Norfolk, \$10.90; Richmond, \$9.45; South Boston, \$7.60; Strasburg Junction, \$9.75; Warrenton, \$9.70.

#### KENTUCKY RATES

Artemus, \$2.15; Barbourville, \$2.15; Berea, \$3.75; Burgin, \$3.95; Burns'ide, \$3.10; Chenoa, \$2.25; Crab Orchard, \$3.30; Danville, \$3.75; East Bernstadt, \$2.55; Four Mile, \$2.15; Junction City, \$3.70; King's Mountain, \$3.65; Lancaster, \$3.65; Lot, \$1.75; Maysville, \$3.50; Middlesboro, \$1.65; Mountain Ash, \$1.90; Nicholasville, \$3.95; Paint Lick, \$3.85; Pine Knot, \$2.55; Pineville, \$2.15; Pleasant View, \$1.90; Saxton, \$1.85; Wasioto, \$2.15; Watts Creek, \$2.05; Williamsburg, \$1.80; Woodbine, \$2.15; Bowling Green, \$6.05; Frankfort, \$4.95; Lexington, \$4.35; Louisville, \$5.60; New Port, \$6.40; Owensboro, \$7.45; Versailles, \$4.35.

Rates from all points embraced in Southeastern Passenger territory in same low proportion to Exposition and return.

## The Exposition and the Poultry Show

No more limpid streams, musical with the tuneful praises of the hand that bade them flow, have ever sparkled in their devious windings through a balmier atmosphere, in a greener land or under a benigner sunshine than those which water the fair region that is now claiming the attention of poultry lovers in the Appalachian States.

This great Appalachian is of interest, not alone to its own section, but it will influence for good or evil every industrial pursuit that is presented, even to the remotest boundaries of the Union.

The government recognizes the magnitude of this show and will have government exhibits from several departments. The Exposition understands that the poultry business is important and profitable and accordingly has equipped itself with a commodious building of great beauty and attractive architecture for the reception and proper presentation of its poultry. Really there is an effort to make this line distinctive, and with prophetic eye, I see its bright bow of promise spreading over the future and making for our fanciers another Madison Square Garden Poultry Show.

The question is, when this show is over, what breed shall bear aloft upon its banner the rainbow colors of success? Shall it not be our own Single Comb Buff Orpingtons? I

am assured we can make it so if each and every one will put forth all the might that lies within his reach.

Much enthusiasm is manifested among our breeders and we may expect a big showing of this variety at the great Appalachian Exposition. Inasmuch as it is not only a State, but an interstate exhibit, it is apparent that its interests are not exclusive of any, but inclusive of all.

From every section of the Appalachian region and from beyond in all directions, come assurances that the Buffs are coming in such beauty and numbers that they will awaken an interest in poultry people within the shelter of the mountains and send the cry of praise for Buff Orpingtons reverberating as deep as the Blue Ridge shall throw its shadows over the sleeping valleys below—as far as the Unakas shall carry their deep-toned echoes and as high as the Alleghenies shall bathe their bald tops in God's unlimited sunshine.

The Orpington Clubs of the Nation and many of the leading industries of the States are active in the preservation of the honors our golden birds have already won and will see to it that worthy and valuable trophies of conquest shall be added to this superb variety till from beyond the mountains their matchless majesty shall be recognized from the Atlantic to the Pacific, and even across the seas they shall be found gathering up the eggs by the seashore.

To all the fellow-fanciers of the Single Comb Buff Orpingtons, I say, bring on your birds. It will be a great, clean show, under a strong, pure management, and the premiums offered will be valuable and richly worth coming for.—Mrs. S. C. BRIDGEWATER, Dixon Springs, Tenn.



"Black Mammy," Black Orpington hen, and some of her 3½ months' old chicks. Owned by Miss Alice Pelton, Nashville, Tenn.

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# Preparing Birds for Exhibition

## How to Wash Fowls—Other Hints to the Exhibitor

By Lynn C. Townsend, Weedsport, N. Y.

**T**HE show season is nearly here, and it will be a "glad-when-it's-done" job for the amateur in preparing his fowls for the show room. The actual work itself, coupled with the anxiety and suspense of the exhibitor, makes it a very trying period. It should be an eleventh commandment among poultrymen, that all breeders should exhibit their fowls. It is needless to state the many advantages received by exhibiting your best birds. The benefit received by the exhibitor, whether he wins or loses, overbalances the loss of time, etc. Not only this, but the breed itself is helped and pushed on, for a beginner usually commences with the fowls that are most in evidence in the show room, as this is the place where most of the "chicken-crazed" people first get inoculated.

The most serious drawback to the early fall poultry shows is the fact that at this time, the majority of the show birds are in full molt. As this is a condition shared equally by all exhibitors, it evens things up a bit. One advantage received by this is, that all fowls should be molted as quickly as possible. This insures a uniformity in the plumage and color. Be very careful in the care of your birds during the molt. At that time the feathers are very soft and easily broken, which in some cases, will prevent the bird from winning the much coveted blue ribbon.

Feed the molting fowls as much of a variety as possible, and always feed as much as they can possibly eat. Feed plenty of green foods, linseed meal, rice, sunflower seed and meat. Keep the birds in a shady place and allow them a grassy run.

Separate the cocks from the hens, and the cockerels from the pullets. Feed the hens very sparingly on the beef scraps, bone meal, etc., for much of this food would be liable to induce egg production, which, at this time, would be very bad policy.

If the birds are under weight, steps should be taken at once to get them up to standard weight. Feed the birds about three times a day with as much variety as it is possible to give them. Corn should be the main feed, given in as many different ways as possible. Cracked corn, whole corn, corn meal and bread soaked in milk all make good food for the undersized bird. Do not forget the grit and charcoal, for a bird will soon be helpless when the entire supply is cut off. Should the bird be too heavy, cut down the food ration gradually. Feed no corn in any shape, but substitute oats, buckwheat, plenty of green food, etc.

Having the birds tame at the time of judging is half the battle won. The long hours spent in the training room, will prove to be hours well spent. Handle the birds frequently and bring strangers to look them over. It may seem useless at first but will pay in the end.

Perhaps the greatest reason why more people do not exhibit extensively, is the dread of the actual conditioning of the specimens. This is the most serious drawback in breeding white fowls for exhibition purposes. It isn't such a hard thing to do, but you will need a great deal of patience to do it well. If you haven't this virtue I would advise you to let the washing of birds go. Many a good bird's chances of winning are spoiled because he was not half washed. Unless the job is well done, the feathers will look pasty and matted. The best way to do is to practice up on some bird of little value. Take a bird that is good and dirty so that you may readily see the result of your labor.

The work of washing the bird should be done early in the morning. Get everything in readiness, so that when you get started, you won't have to look up some needed article. Heat a boiler of soft water and secure four washing tubs. In the first tub, place about six inches of moderately warm water. In the second and third tubs put in the same amount of water with the chill taken off. In the last tub, put in cold water and a little more bluing than you would use in bluing white clothes. Have a cake of Ivory soap, some rough towels and a pair of bellows handy and you are ready for work. Before placing the fowl in the first tub of water remove all of the dirt from the feet and plumage that is possible. Usually you can remove considerable dirt with a small brush. Place the bird in the first tub, thoroughly wetting the feathers in all parts. Wash the bird carefully with the soap and water, being careful not to break any feathers. Always rub with the plumage, never against it.

After you are sure you have washed the bird as clean as possible, get out as much water from the feathers as you can, and he is ready for the second tub. In the second tub you do the rinsing. Use a sponge and get out of the plumage all the soap possible. This is one of the hardest points in washing a bird—to get as much soap as possible out of the plumage before you immerse the bird in the third tub. The third tub is simply a repetition of the second. This will insure removing all of the soap before the last tub. The last tub is the one containing the bluing. Dip the bird quickly in the water two or three times. Use a rough towel or sponge in getting out as much water as you can. Rub the bird briskly, loosening up the matted feathers with your fingers. Saturate your sponge with peroxide of hydrogen and apply swiftly to the surface of the feathers. Your bird is now ready to dry.

The drying process will take some time, but only a few minutes at first will be needed in caring for the bird. Place the bird near a hot stove, but not too near, for the heat would curl the damp feathers. Again use the bellows or a fan in drying or fluffing the feathers. Do not hurry in washing and drying a bird; for at least half an hour should be given to the washing of each specimen.

Your bird is now ready for the show room, and the main point is in keeping him in this condition until he comes under the critical eye of the judge. Place each bird in separate coops, unless they are to be shown in pens. See that the interior of the coops are clean and free from dust. Use nothing but clean material on the coop floor, changing it often. For this, I use baled shavings, and find it superior to anything else for litter.

If possible, go to the shows with your birds. You will be sure to learn a great deal which will benefit you next year. If you don't win, don't grumble at the judge, but find out where your birds were weak. Then strive to overcome this fault. Try, try again, and success will be yours in the end, if you keep on exhibiting.

## Exposition Poultry Institute Program

Following is the program of the Poultry Institute to be held in connection with the Appalachian Exposition Poultry Show:

Judge S. T. Campbell, Secretary-Treasurer American Poultry Association. Director.

Dr. H. A. Morgan, Director Agricultural Experiment Station, U. of T., Assistant Director.

The following lectures and demonstrations will be given on the Exposition grounds in the auditorium, where everybody is invited:

### FIRST EVENING

*Wednesday, October 5, 1910, 7:50 p. m.*

"Poultry Raising on the Farm," illustrated with stereopticon, by Rob. R. Slocum, Department of Agriculture, Washington, D. C.

"Caponizing," demonstrated with live birds, by T. E. McLean, Knoxville, Tenn.

"The Chanticleer," by Mrs. S. C. Bridgewater, Dixon Springs, Tenn.

### SECOND EVENING

*Thursday, October 6, 1910, 7:30 p. m.*

"Winter Egg Production," by James G. Halbin, Poultry Expert, Agricultural Experiment Station, Madison, Wis.

"Modern and Ancient Poultry Methods Contrasted," by Reese V. Hicks, Topeka, Kans.

"Better Farm Poultry," by V. S. Bright, U. S. Department of Agriculture, Paris, Tenn.

"A Year's Work in the Poultry Yard," by Judge W. Theo. Wittman, Allentown, Pa.

### THIRD EVENING

*Friday, October 7, 1910, 7:30 p. m.*

"Poultry Progress," by A. A. Brigham, Brookings, S. D.

"A Plea for More Institutes," by Thos. S. Meek, Wheeling, W. Va.

"Breed Types," demonstrated with live birds, by Judge S. T. Campbell, Sec.-Treas. American Poultry Association, Mansfield, Ohio.





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Vol. 7

SEPTEMBER, 1910

No. 4

The South's Great Exposition

Get your birds ready for the great Exposition, Poultry Show, October 5-12. This will be the biggest show ever held in this part of the country. There will be exhibits from everywhere, and by reason of the large attendance that is assured, it is certain that sales at this show will represent thousands of dollars. Everybody will want to see the great Appalachian Exposition with its magnificent buildings and splendid displays of agricultural, mining and manufacturing products, as well as the live stock, poultry, pigeons, dogs, water fowl and other equally attractive exhibits. No breeder within the Appalachian territory can afford to miss this opportunity to get in touch with progressive people who are interested in all industrial callings and in the various branches of Agriculture and live stock breeding.

The Exposition is prepared to take care of all live stock, poultry, pigeon and dog exhibits in the most modern fashion, having arranged at great expense with experts to feed and care for each class. Remember the dates, and don't fail to ask for premium list, entry blanks, etc., at once. Entries for the Bench Show close September 12; Pigeon and Pet Stock Show, September 19; Poultry Show, September 24. Address L. B. Audigier for full information, premium list and entry blanks.

\* \* \* \*

The A. P. A. Meeting

You will be interested in knowing a few of the most important events that took place at the St. Louis meeting of the A. P. A. The attendance was large and enthusiastic; cannot at this moment furnish you the exact number present.

The Partridge and Columbian Plymouth Rocks were admitted to the Standard. The Silver Penciled Rocks and the White Laced Red Cornish Fowls will be illustrated in the new Standard.

About 600 new members have been added during the past year. The following States were granted charters for State Branch Associations: Nebraska, Texas, Colorado, Arkansas, New Jersey, Maryland, North Carolina and Illinois.

The Association received invitations to hold its next International Convention as follows: Boston, Mass.; Denver, Colo.; Detroit, Mich.; Washington, D. C.; Toledo, Ohio; and St. Paul, Minn. The St. Louis entertainment committee treated the association royally. Excursion parties were

provided for and steam boat rides on the Mississippi River were furnished the members complimentary. Various places of interest in the city were visited; automobiles and special cars being furnished free for the members. The number of invitations for places of holding the next convention indicates that the A. P. A. is recognized as a great and progressive organization.

The amendment for changing the date of meeting was adopted, and now the association can meet from August to December, as may be decided by the annual vote. This will make it possible for the association to meet in the South in October, and avoid the hot weather, say in 1912.—S. T. CAMPBELL, Secretary.

\* \* \* \*

Tennessee State Poultry Association

The Nashville Board of Trade has taken up the question of the organization of a State Poultry Association, and is sending literature and personal letters to prominent breeders in each county, urging them to organize a Branch Association at once, and appoint delegates to meet at Nashville during the State Fair for the purpose of perfecting the State organization. We print below the letter of chairman E. L. Doak, of the Board's Poultry Committee, and recommend prompt action on the part of the poultrymen of each county. Chairman Doak's letter follows:

"Much has been written showing the value of thoroughbred poultry. Many States have taken up the question as State issues, and are lending their every efforts to the spread of poultry culture. The fact that Missouri's poultry exports amount to over \$42,000,000 annually is enough to make Tennesseans wake up to the natural climatic conditions that make her better adapted for such work than any State in the Union. Especially on account of our blue grass which stays green all winter.

"The Nashville Board of Trade, realizing the value of the poultry industry and its importance to the State of Tennessee has appointed as one of its Standing Committees for 1910, a Committee on Poultry, and the President has appointed the undersigned as members of said Committee.

"Mr. L. B. Audigier, of THE INDUSTRIOUS HEN, at Knoxville; Mr. John A. Murkin of *The Southern Poultry Magazine*, at Nashville; Mr. H. B. Geer, of *The Southern Agriculturist*, of Nashville, and Mr. E. H. DePoy, of *The Tennessee Poultry Journal*, of Lebanon, have filled their papers with editorials suggesting organized efforts of the Tennessee breeders along the line of State aid and co-operation.

"Now, therefore, we the Committee of the Nashville Board of Trade, believing that the best plan to bring about this co-operation would be to organize a Tennessee State Poultry Association, to be composed of branch organizations in every county in the State. Each branch association to have two representatives or two votes in the State Association.

"The general objects of the Association to be about as follows:—

"1. To obtain state aid for poultry culture along the line of the Missouri plan.

"2. To encourage poultry culture throughout the State in all its branches.

"3. To organize the poultry breeders in a State organization for the purpose of affording a systematic means of gathering useful information for the use of poultry breeders and to publish same for the benefit of farmers and breeders.

"4. To collect statistics and print bulletins as to the most profitable means of raising poultry.

"5. To encourage the counties to hold poultry shows and to aid them in such shows.

"6. To encourage and hold poultry institutes in the different sections of the State as often as possible.

"In furtherance of this general plan and as a means of starting the ball to rolling we have been instrumental in the organization of the Davidson County Branch of the Tennessee State Poultry Association. This branch held two enthusiastic meetings, largely attended, and have elected a strong line of officers, pledged to work untiringly for the cause.

"We do not intend for the State Association to hold poultry shows other than possibly one in East, West and Middle Tennessee, but to aid the County associations in their local shows to the utmost extent of our powers.

"After the organization of the County branches we want each branch to elect two delegates with power to act in the formation of a Tennessee State Poultry Association with the general objects we have outlined and any others that may be suggested, and to have these delegates meet during



the Tennessee State Fair at Nashville on Friday during said Fair and to effect such organization.

"Won't you kindly lend your aid in this most important work and after you have acted, advise this committee what you and your county have done in the matter?"

E. L. DOAK, Chm. Poultry Com., Nashville B. of T."

## Southern Railway's Exposition Service

To handle the great crowds which are expected to be drawn to this city by the Appalachian Exposition, September 12-October 12, the Southern Railway has completed arrangements for a regular passenger train service of 24 trains in and a like number out of Knoxville every day during the exposition, giving one train in and out of Knoxville every hour of the day.

Night trains in each direction between Chattanooga and Knoxville and Bristol and Knoxville will be a feature of the through service while the local service will be extensive and ample. In each direction there will be 5 trains per day from the South and Southwest, 3 from the South and Southeast, 6 from the North and East, 6 from the North, and 2 from the Northwest. For the various special occasions which have been arranged the Southern will operate extensive special train service. Shuttle trains to the exposition grounds will also be operated.

Fifty-two officials and representatives of the passenger department of the Southern recently met in Knoxville and after a full inspection of the exposition, which resulted in the greatest enthusiasm concerning the prospects of the exposition, completed all arrangements for running this extensive train service. The Appalachian will set a splendid mark in preparedness. All buildings are now complete, many exhibits are being put in place, and the exposition will be at its best on opening day.

## Advice to Amateurs

Raising poultry is a business. To make it a success it must be conducted on business principles, or there will be many disappointments. Be patient; do not expect too much at the start: it takes time to build up any business. Commence at the bottom and learn as you go. Select some variety of a well-known breed, such as is adapted to your location, and stick to it. Do not change unless you are absolutely positive that it will be to your advantage. If you have had no experience in the actual raising of poultry, begin with a few fowls of ordinary grade of the variety you intend to breed, and then if there are losses, they will not be so discouraging or expensive, and by the end of the first year, you should have learned the first principles of poultry raising. Then you will be in a position to care for high grade stock, with a greater degree of intelligence.

In buying stock, buy the best you can afford. A pair or trio of really first class birds are worth more than twice the number of poor ones. You will make more rapid progress and better satisfaction from small matings. Do not be discouraged if you cannot afford more than a pair or trio. Get a copy of the Standard, study it, study your birds and compare them with the Standard. The Standard is our ideal of perfection, and the nearer you come to it, the greater your reputation as a breeder. Get several good books on mating and breeding of your variety, also on care, feeding and management. "Hen and Chicks," published by this paper should be of great value, as it is made up of facts and experiences of successful breeders. I mention these because it makes no difference what the stock you start with, unless you know how to mate, care for and feed, to produce stock of equal quality, it will deteriorate rather than gain in quality. Subscribe for several good poultry journals, and keep yourself posted as to what is going on in the poultry world. Visit other poultry plants and the show rooms also, as (no matter how much you know) you can always learn something new. As soon as you have a little stock to spare, start an advertisement in some good poultry journal that circulates among the people to whom you wish to cater. Take a small space, such as you can carry without proving a burden, in case it does not bring in the returns that you expect. Keep the advertisement running all the year round. The longer it runs the more business it will bring. Make it seasonable and as strong as your birds will justify. Be willing to pay a fair price for good stock, and don't be afraid to ask it for stock that you have for sale. Be prompt in answering all inquiries, and use first class stationery, as a man's business is often judged by the stationery he uses.—THOS. S. ALLISON

## Raising R. C. Rhode Island Reds

I do not like incubators much and for that reason I use hens for hatching exclusively. I always get as many as five hens broody before I sit them. Then I proceed to clear them of lice, if they have any. Next I fix each one a nice, roomy nest where no other fowls can bother her, for I find that eggs do not hatch well where other hens are allowed to bother the sitting hens. After I get things fixed, nests and hens included, I select fifteen eggs for each hen and place them under her at night. The sitting hens have a yard to themselves and there is feed and water, also a dust bath put in their yard. They are allowed to come off at their will, eat, drink, take a dust bath and return to their nest when they get ready. I test out all infertile eggs on the seventh day after incubation; then I test again on the fourteenth day. On the nineteenth day I take a damp cloth and wipe off each egg. This softens the shell and they have no trouble in getting out of the shell. Now the hens are all through hatching or at least the ones I am speaking of; so after the chicks are all dry and able to move about I carry them to their coops, that are placed out on free range, where they can have free access to a field that is planted in sunflowers, Texas seeded ribbon cane, and corn and peas. The coops are floored so as to prevent dampness. They are shut up for about four days, after which time, when the dew dries in the morning, they are turned out with the hen to begin life. As for the first feed that so many people lay so much stress upon, I don't pay much attention to it. I usually feed stale light bread in a dry form, never allowing them wet feed of any kind. After they are large enough to eat grain, I feed broken corn, cane seed, kaffar corn and sunflower seed. This I raise for them, and they get it themselves at any time they wish it. At night I go to the coops and close them; then in the morning after dew is dry, I take them some feed to their coops and set them free for the day. I raise 95 per cent this way and never have any trouble about Standard weight, and I seldom have a sick bird, though I do have some; but not often.

Maybe my method of doctoring sick chickens would interest some one. When I find a sick bird, I take it out to where there is some good material to build a fire, and there take its head off and burn the carcass. By using this method I have healthy birds and don't fatten the medicine men. I don't approve of much medicine in any case, and none at all for chickens, for if I were to cure one I wouldn't have any use for it, for I am sure I would not breed from it, and I could not afford to send it to a customer, for there is where you must give satisfaction, and it would be a slim chance with a chicken that has been at a hospital for treatment, unless you were to happen up with a poor fellow that did not know. But he would find out some day; then you would wish you had never doped a bird in your life.—MARION OLIPHANT, Kentwood, La.

## Two Eggs at One and the Same Time

I have a Single Comb Rhode Island Red hen that laid two eggs in one day last week. There are few people that would believe this, but it is sure the truth. I never saw nor heard of anything like it before. I will tell you how she did it. In gathering the eggs, my wife got a big egg—about as large or a little larger than they are when they have two yolks in them. My wife made the remark that it was large enough for my breakfast, so next morning when she broke it, instead of two yolks as we supposed, it had one yolk and white like all eggs, and another egg with a hard shell on it, as hard as is on any egg. Of course, the inner egg was a small one, but not so small as some eggs I have seen. Some people that I told about it just laughed at me and did not believe it, but I and my wife would swear to it.—L. M. BARRETT, Morristown, Tenn.

## A Hen and Chicks for Fifty Cents

Our readers who are desirous of securing a book of valuable information on poultry topics are advised to send for our new publication, "Hen and Chicks." This book, containing over three hundred pages, is a reproduction of the most useful and helpful contributions that have appeared in THE INDUSTRIOUS HEN during the past five years. We do not hesitate to say that it contains more useful and practical information and advice on the varied questions of progressive poultry raising than can be obtained anywhere for the money. "Hen and Chicks" will be sent postpaid for 50 cents, or with THE INDUSTRIOUS HEN one year for only 75 cents. See advertisement and partial list of contents elsewhere in this issue.



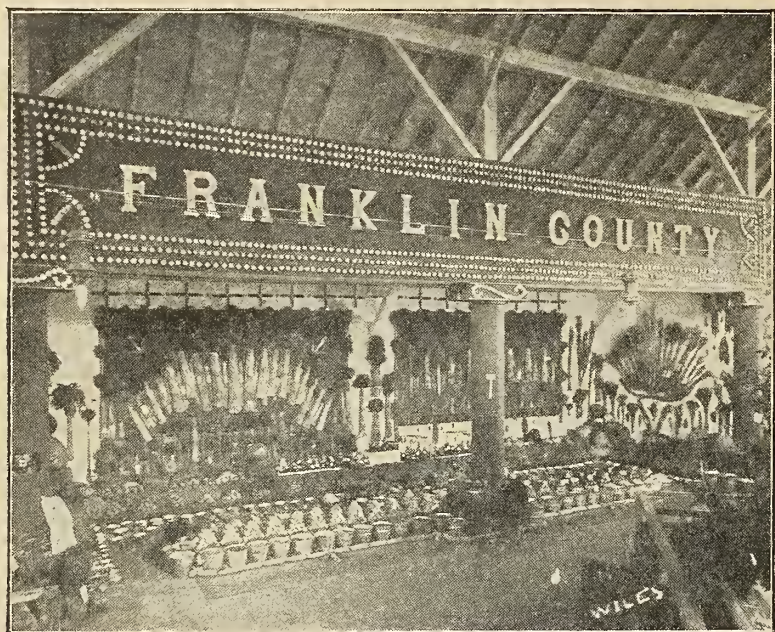
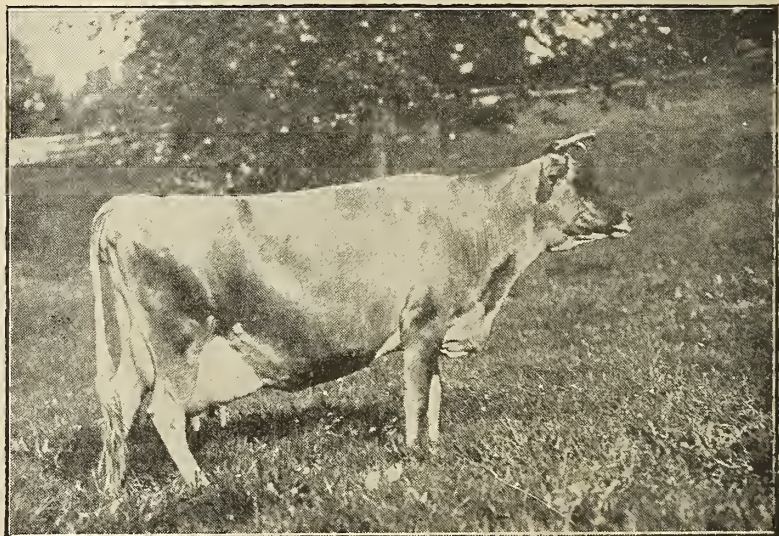


Exhibit in Agricultural Building, Tennessee State Fair.

### Front Royal, Va., Show

Do you know we are going to have the very best exclusive poultry show ever held in Virginia? Can you realize that Front Royal and surrounding country is rapidly becoming very much alive with a hustling bunch of red-hot fanciers? Are you aware of the fact that the place is easily accessible over two railroads, viz: the Norfolk and Western, and Southern? Can't you understand that, where there is a community as much interested in "chicken" as this one, there will be business for the fellow who shows his birds? And the water-fowl men; do you think it will be any inducement for them to know that the noted Pekin Duck breeder, John W. Morgan, the man who handles 50,000 annually, will have charge of that department? Do you know that Front Royal is a hustling business place with the most up-to-date stores and hotels in the Valley of Virginia? Well, if you are not aware



A Prize Winner, Tennessee State Fair.



Agricultural Exhibit, Tennessee State Fair.

of all these things, just drop in during the show and we will give you a booth and help you do all the business possible, without one cent of charge. So if you would like to have a premium list or any information about the place or show, just drop a line to M. C. Richardson, Jr., Secretary.



### Mayor Gaynor on City Government

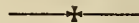
What Willam J. Gaynor, mayor of the City of New York, has to say on "The Problem of Efficient City Government," is of interest to every American citizen. His discussion of the problem will be one of the features of the September *Century*, dealing with the training needed for a mayor, the first duty of officials, the folly of partizanship, the passing of boss-control, and other civic matters of vital interest.



The Lafayette Parish Fair Association will hold their second annual fair at Lafayette, La., September 29 to October 2. F. V. Mouton, secretary, Lafayette, La.

### New Catalogue

The 1910 catalogue of the American Cornish Club is hot from the press. It is full of interesting articles and good cuts of all varieties of the Grand Cornish Fowl. This catalogue will be given to all applicants enclosing \$1.00 membership fee, and it will be sent free to all members in good standing. The price to interested fanciers is 10c in stamps. H. C. HAYES, Sec., Eureka, Illinois.



Premium list of the Jefferson County (Ark.) Poultry Association is received. Their show will be held at Pine Bluff December 13-17, and is one of the best in the South. In addition to the regular premiums there will be cash specials amounting to over \$700.00. Tennessee breeders should plan to make the Pine Bluff Show. Write to E. W. Phillips, secretary, Pine Bluff, Ark., for full information.



The Somerville Poultry Association will hold their fourth annual show November 17-19. W. T. Loggins, secretary, Somerville, Tenn.



### A Kentucky Breeder's Experience

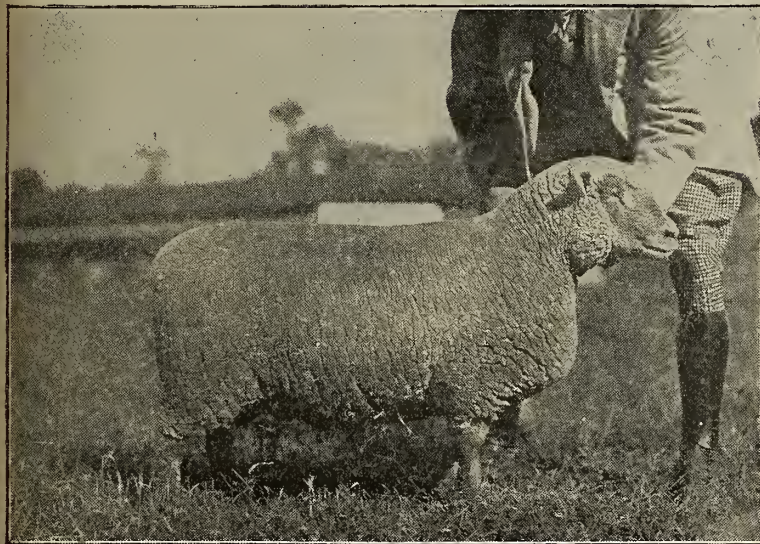
I did not have very good success in hatching this season. The trouble was I used hens to do the hatching and they broke on an average about four eggs per setting. The fertility of eggs was good, as I found very few infertile ones. I had very good success in raising the chicks. They were fed prepared chick feed. They were very healthy and are showing up well at present. I am now feeding a mash mixture at mornings, about five times every week; at noon and evening I feed them a prepared mixture of grains, grit and oyster shells. Charcoal is kept where they can get it at any time, also plenty of fresh water.

This has been my best season in selling and breeding stock and eggs for hatching, and THE INDUSTRIOUS HEN did the work. The returns from THE INDUSTRIOUS HEN were about fifteen times as large as the returns from one other poultry paper claiming a large circulation.

The Buttercups are coming to the front, and from the experience I have had with them they are worthy of be-



View of Grounds, Tennessee State Fair.



An Aristocrat of the Sheep Family, Tennessee State Fair.

ing in the front ranks. They are very healthy, easy to raise, fast growers, mature very early and they are very gentle, small eaters, are industrious, and like to work for what they get. They lay nice size white eggs and lots of them. They are non-sitters. I have kept well sold up on Buttercup eggs this season and had a large number of inquiries for breeding stock which I could not fill. I have a good number of inquiries at present for cockerels and pullets, which I received through THE INDUSTRIOUS HEN. I have not as yet offered any young stock for sale. You will find enclosed \$2.50 for breeders' card for the next six months, which I expect will sell out all I can spare in a short time. I will want display space in THE HEN next season.—J. B. SANDER, R. F. D. No. 7, Box 99, Paducah, Ky.

A poultry show in connection with the Pensacola Inter-state Fair will be held in Pensacola, Fla., November 7-12. W. L. Wittich, Jr., superintendent poultry department.

### Charlotte, N. C., Show

The fourteenth annual exhibition of the Charlotte Poultry, Pigeon and Pet Stock Association ("Oldest in the South") will be held December 28-30, 1910. Wm. F. Brace, Victor, N. Y., and R. L. Simmons, Charlotte, N. C., are the judges. Entries limited to two thousand specimens. C. W. Best, Sec., Charlotte, N. C.

### Of Equal Wit

The story is told that Judge Story and Edward Everett were once the prominent personages at a public dinner in Boston. The former, as a voluntary toast, gave: "Fame follows merit where Everett goes."

The gentleman thus delicately complimented at once rose, and replied with this equally felicitous impromptu: "To whatever height judicial learning may attain in this country, there will always be one Story higher."—*September Lippincott's*.



Grand Stand, Tennessee State Fair.



**"Col. Rock"**First Prize Cock  
Louisville Interstate Fair.BRED AND  
OWNED BY  
P. F. & P. F.  
LOUISVILLE, KY.

# Barred Plymouth Rocks

## POPE STRAIN

Winners at Louisville, Frankfort, Owensboro and Kentucky State Fair. 1st Cock, 1st Cockerel, 1st Pullet, Frankfort Poultry Show, September, 1909. 1st Hen, 1st Pullet, 2nd Cockerel, 3rd Cock, 3rd Cockerel, 3rd Pullet, cash prize for best Barred Plymouth Rocks, Kentucky State Fair, September 1909. 1st Pullet, 1st Pen, 3rd Cock, 4th Cockerel, 4th Hen, special for best shaped female, Silver Cup for best Barred Plymouth Rocks, Louisville Poultry Show, December, 1909. All firsts Owensboro, October, 1909. Investigate our other winnings, and our fine Big Rocks. In color and barring they are as near perfect as science and skill can breed them.

## 1750 Choice Cockerels and Pullets For Sale

Best Cockerels  
\$2.50 to \$3.50 each  
Best Pullets  
\$1.50 to \$2.00 each  
Exhibition Birds  
Males \$10. Females \$7.50.

### Incubator Eggs

\$1.50 per 15—\$7.50 per 100

You don't have to pay two prices for our large vigorous Rocks. We give more value for your money than any breeder in America. Twenty years of successful line breeding, producing birds in large numbers on admittedly the finest Barred Rock Farm in the country, enable us to give you selection that no small breeder can possibly do. Don't buy eggs or stock from anyone until you get our catalogue and list of winnings. All shipments made from one to two days after receipt of order. When you buy from us you don't have to wait three to four weeks to get your birds. Write for catalogue No. 7

## POPE & POPE

Established 1891

Louisville, Kentucky

### Poultry in North Carolina

Thinking that the readers of your columns will be interested in the rapid growth of the poultry industry wherever it may occur, I am taking the freedom of informing them of the improved conditions in my section. I remember well that when I entered the poultry arena, interest in line-bred fancy fowls in this section was confined to the fanciers and interested poultrymen, few in number, and for the most part living in our towns and small cities. The farmer then was contented with raising broilers of whatever strain he chanced upon, devoting his care rather to their development after hatching than to an inspection of their pedigree. But now these conditions are changed. The interest in prize winning, thoroughbred, high grade fowls is no longer confined to our towns. The farmer in this district has come to see that he gets better fowls, more eggs, fewer losses, and greater gains by the adoption of better strains. I have just made a visit to the rural parts near here, and can verify the statement that

instead of the scattered few when I first began, no less than three or four hundred right here in our county, give thoroughbred poultry their undivided interests. Realizing this fact, our county fair is making preparations on a grander scale for the accommodations of this increase in numbers. The State Fair, at Raleigh, is making the largest, most extensive arrangements in its history. From this fact we may infer that the remarkable growth in my own county, of which I have told you, is spreading through the State.

As for me, I find myself falling in line with this steady growth. The gods of fortune have been kind to me this year. My matings have resulted the most satisfactorily in my poultry experience. I have the finest lot of early hatched birds in all my strains, but the Rhode Island Reds and the Barred Plymouth Rocks seem to outstrip them all. Indications now are that I shall have the nicest lot of birds for the fall fairs that I have yet had. This year has been a good one for me.

It is a pleasure to use your columns as a medium to talk to my interested

brothers in poultry production, which columns I have ever found of invaluable service to me in the disposition of my stock. It will be with a preknowledge of the good results, that I shall place

## Let Chas. A. Cyphers Save You 50% on a Standard Buffalo Incubator



The standard Buffalo is a wonder—my greatest achievement in incubator building. Weather-proof, fire-proof, sure to give the highest percentage hatch. Has more quality, is more reliable, has the same correct principles of internal construction used in the high-priced kind I made before, yet now my price is just half. I absolutely guarantee to save you 50% and give you a better incubator.

### The Buffalo Is A Marvel

There is nothing cheap about the standard Buffalo but its price. I use lower priced, yet better materials. I use new machinery that cuts the cost of making. I have not sacrificed one single good principle that I used in the high-priced kind. I guarantee the standard Buffalo to do all that any other incubator on earth will do, no matter who makes it or what the price.

### 200 Egg Size - Only \$16

100 egg size for \$12. I save you one third on brooders, too. Buffalo Brooders are the best I ever turned out—strong, durable, temperature automatically regulated. Don't buy an incubator or brooder before you get all the facts about the standard Buffalo line.

### Write Me Now

I want to give you full information about standard Buffalo Incubators and Brooders. I want an opportunity to show you why the standard Buffalo is best and why I can save you half. It means dollars in your pocket, and a lot of time and trouble saved if you get this information before you pay twice my price for an incubator or brooder not nearly so good.

Write me today—a postal will do. Just say something like this: "Tell me all about standard Buffalo Incubators and Brooders." I'll mail you this valuable information right away. You can then see for yourself, as thousands of others have, that the standard Buffalo is a wonder and I positively do save you half.

CHAS. A. CYPHERS, President  
**Buffalo Incubator Co.**  
4714 Ellicott Square, BUFFALO, N. Y.





an advertisement with THE INDUSTRIOUS HEN in October, telling in detail just what I have to offer. I consider your paper an admirable one, and advise all who wish to make good advertising investments to file their advertisements with you, who never yet have failed me.—Dr. J. W. LASLEY, Burlington, N. C.

### Poultry at Louisiana State Fair

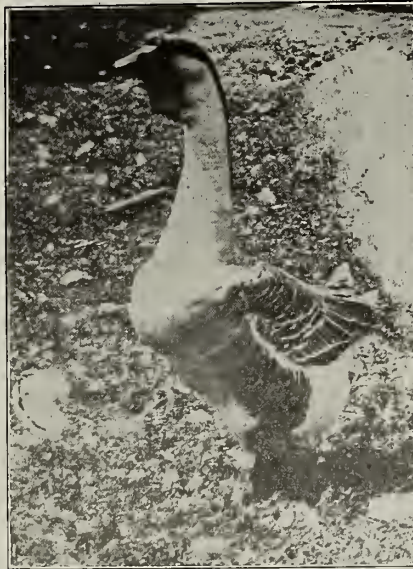
The fifth annual Louisiana State Fair will be held at Shreveport, La., Nov. 2 to 11, 1910.

The poultry show will be one of the largest in the South. Last year they had over 2,300 birds on exhibition, and it is predicted that this year will exceed that number.

The premiums paid for singles are, first, \$2.00; second, \$1.00, and \$5.00 on

### A Creditable Book at a Popular Price

THE INDUSTRIOUS HEN has collected the best material that has appeared in its columns into a book of 280 pages under the title "Hen and Chicks," or "How to Make Money Raising Poultry." In refreshing contrast with some poultry booklets that are sold at exorbitant prices, this book is neither



Type of African Geese as bred by Dawson Bros., Franksville, Wis.

copyrighted nor "patented." The matter is carefully arranged by subjects and the book is indexed and is adequately illustrated with reprints of photographs of standard breed birds, which have not been retouched, in most cases. Readers can thus see what the actual chickens look like instead of admiring an artist's ideal. The book is a very creditable production—*Knoxville Sentinel*.

### Another New Association

The Newton County Poultry Association has been organized at Covington, Ga., with a membership of fifty. Mr. E. L. Peek, acting secretary, writes that the membership will reach seventy-five, and that they intend to hold a big show in Covington this fall. Exact dates for this show will be announced later.

## RHEUMATISM

### A CURE GIVEN BY ONE WHO HAD IT



In the Spring of 1893 I was attacked by muscular and inflammatory rheumatism. I suffered as those who have it know, for over three years, and tried almost everything. Finally I found a remedy that cured me completely and it has not returned. I have given it to a number who were terribly afflicted, and it effected a cure in every case. Anyone desiring to give this precious remedy a trial, I will send it free. Address, Mark H. Jackson, No 544 James Street, Syracuse, N. Y. Mr. Jackson is responsible. Above statement true.—Pub.



### IDEAL ALUMINUM LEG BAND

To Mark Chickens  
CHEAPEST AND BEST  
12 for 10c; 25—25c; 50—40c; 100—75c.  
Sample Band Mailed for 2c Stamp.  
Frank Myers, Mfr. Box 50, Freeport, Ill.

## CAPON TOOLS

CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use **PILLING CAPONIZING SETS**. Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make *Poultry Marker 25c*, *Gape Worm Extractor 25c*, *French Killing Knife 50c*, *Capon Book Free*.  
G. F. Pilling & Son Co., Philadelphia, Pa.



### THE OLD RELIABLE FOR BIG POULTRY PROFITS.

Keep the chicks growing and hens laying by ridding them of lice and mites. Lousy fowls never pay.

LAMBERT'S "DEATH TO LICE" has been the standby for 25 years. Sure, quick, safe, easy to use. Sample, 10 cents. If not at your dealer's, we'll send direct. Send 2-cent stamp for booklet "Practical Poultry Feeding."

O. K. STOCK FOOD COMPANY, 333 Traders Building, Chicago, Ill.

**IS IT POSSIBLE** to get strong chicks from weak eggs? **Certainly not.** Select all eggs for hatching by the Magic Egg Tester. Buy of your dealer in poultry supplies, or direct from us. Fully guaranteed. By mail \$2.00.  
Magic Egg Tester Works, Dept. G, Buffalo, N.Y.

### LEG BANDS

RA 9663  
SMITH SEALED

21  
LEADER  
ADJUSTABLE

Send name now for many free samples and prices. Most complete line of highest quality bands for every use.  
SMITH SEALED. Used by America's leading fowls. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50, postpaid.  
LEADER ADJUSTABLE. Smoothest and most secure fastening ever invented. Prices postpaid: 12, 15c; 25, 30c; 50, 40c; 100, 60c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.  
Samples of these and many other styles free if you send postal now for booklet.  
KEYES-DAVIS CO., Ltd., Mfrs. Dept. 520, Battle Creek, Mich.

pen. Over \$1,000 is offered in premiums and competition is open to the world. Mr. N. L. Hutchinson, of Crystal Springs, Miss., will do the judging. Mr. S. M. Watson, of Shreveport, is superintendent.

If you want competition, show at the Louisiana State Fair. Catalogue mailed free upon request to Louis N. Brueggerhoff, Secretary, Shreveport, La.



### SOMETHING TO CROW ABOUT

#### "HEN-E-TA"

ABOUT 30% PURE BONE ASH  
NO OTHER BONE NEEDED  
NO OTHER GRIT NEEDED  
NO MORE BONE CUTTERS NEEDED  
NO MORE BEEF-SCRAPS NEEDED  
NO MORE CHARCOAL NEEDED  
NO MORE OYSTER-SHELLS NEEDED  
100 LB. BAG \$2.25 150 LB. BAG \$1.50

ASK YOUR DEALER OR WRITE

HEN-E-TA BONE CO.  
NEWARK, N.J. DEPT. 8 FLEMINGTON, W.VA.

# \$1,000.00 IN CASH PREMIUMS FOR POULTRY AT THE FIFTH ANNUAL FAIR STATE FAIR OF LOUISIANA

Shreveport, La., November 2-11, Inclusive, 1910

This will be the Banner Year for Poultry Exhibiting at the State Fair. Competition open to the world. No restrictions. We offer \$2.00 for 1st, \$1.00 for 2nd and \$5.00 for Breeding Pen. Entry Fee, Singles 25c, Pens 50c.

S. M. Watson, Supt., Shreveport, La. N. L. Hutchison, Judge, Crystal Springs, Miss.

Be Sure and Send for Catalogue and Entry Blanks

## STATE FAIR OF LOUISIANA

LOUIS N. BRUEGGERHOFF, Secretary P. O. Box 588, SHREVEPORT, LA.



**BUTTER CUP COCKERELS \$2.00 to \$3.00**  
**B. LEGHORN COCKERELS \$2.00 to \$4.00**  
**ANCONA COCKERELS \$3.00 to \$6.00**  
**S. C. R. I. RED " \$3.00 to \$5.00**

All from best blue ribbon strain.

**MRS. ERNEST A. BROWN, Sparta, Ga.**

#### Exhibition Coops

Coops that are neat and attractive go a long way to display your birds in the show room to the best advantage and cut an important figure in the general appearance of the hall. First appearances are lasting. The visitor's favorable impression is well worth any attention given to pleasing appearances.

The nicely painted, light blue coops made by The Gem Incubator Company, Trotwood, Ohio, make a very pretty effect, lined up in the show room. For the past twenty years this firm has made a specialty of manufacturing exhibition coops during the summer and fall months. Hundreds of exhibitors will no doubt recall seeing this coop in use in both large and small shows throughout the country.

The small exhibitor and the association alike should investigate the merits of the Gem Exhibition Coop. At the low price so desirable a coop is sold, no exhibitor can afford to use an unsightly coop. Look up their ad in this issue. Send for circular and samples.

#### Trap Nest that Almost Talks

The Automatic Trap Nest Co., Asheville, N. C., writing with reference to their new trap nest, which is advertised in this issue of THE INDUSTRIOUS HEN, say:

"The Automatic Trap Nest that we will exhibit at your poultry show from October 5 to 12, is a marvel of mechanism in that it is always alert, active and accurate. It performs the three-fold function almost at once, of locking in the hen, removing the eggs from the hen's reach as soon as laid and informing the owner that she has laid, and also the number of the nest in which she is locked without disturbing any other hen or nest. When the hen enters this nest she is not locked in (as with other nests), but the doors close gently behind her. If she does not want to lay (as is often the case) she steps off the nest and the doors open, allowing her to walk out, leaving the nest open for the next hen. But if she lays, she is locked in securely; the egg is instantly taken out of her reach, so she cannot eat or break it, and at the same moment a signal is rung at the office or house and she can be released, and the nest is ready for another hen. Notwithstanding all these features this machine is a marvel of simplicity, so much so that a child who is large enough to open the lid and take out the hen and egg, can attend to it, when the machine re-sets itself automatically for the next hen. Every working part about it can be removed and replaced in less than one minute's time, rendering it perfectly sanitary and quite proof in every way, and so simple that it is next to impossible for it to get out of fix. With ordinary care it will last a life time. Price f. o. b. Asheville, 2.50.



This Folding Coop with 3/4 inch maple rods, painted light blue and with clean-out drawer; size 24x24x30; all complete, \$1.00. Pen size 40 inches long, \$1.70. Shipping Coops, 20c up.

**THE GEM INCUBATOR CO. Box 407, Trotwood, Ohio.**

**LAWSON'S BLUE RIBBON STRAIN S. C. WHITE LEGHORNS**  
**and IMPORTED INDIAN RUNNER DUCKS**  
**(280-EGG RECORD PER YEAR)**

Satisfaction or money back, together with express charges both ways. For the best and a square deal, write

**WHITE HILL POULTRY FARM**  
**A. J. LAWSON & SONS, Proprietors. R. 4, CLEVELAND, TENN.**

**FREE POULTRY CATALOGUE**  
**EAST DONEGAL POULTRY YARDS, Marietta, Pa.**

**INDIAN RUNNER DUCKS FOR SALE**

Young ducks, full feathered, at \$1.00 each. A few nice Barred Rock and Ancona cockerels for sale

**W. F. BAYLESS**  
**RIVER VIEW POULTRY FARM MORRISTOWN, TENN.**

**R. C. R. I. REDS, BARRED P. ROCKS AND EMBDEN GEES**

Our pens for sale to make room for young stock. Write for prices at once. Eggs in season.

**A. L. STEPP & SON, Box 123, Irving College, Tenn.**

**COLLIE PUPS FOR SALE**

We have perfectly marked, sable and white and tri-color pups, male and female, from two to four months old for sale. They are from our best bitches, by Ben Hur and King Lear. If a Collie pup is what you are after, and a good one, write us and we will endeavor to supply your wants. We have the blood lines, the markings and the stock and are anxious to sell. Every pup is sold under guarantee and a pedigree furnished free—all subject to registration. As the age, sex and markings govern the price, state what you want. We also make a specialty of spayed bitch pups.

If you are curious and want to know what some people think of pups we have sold them, and of our reliability, write to any of the following gentlemen: Leo B. Smith, Williamsburg, Iowa; Cornelius Young, Hampton, Fla.; Judge W. L. Thompson, Heber, Ark.; James M. Frank, Nashville, Tenn.; Hon. Clayton D. Potter, Jackson, Miss.; Hon. Sam G. Shields, Walter J. McCoy, Knoxville, Tenn. Can give hundreds of others.

**KNOX COLLIE KENNELS,**

**KNOXVILLE, TENNESSEE**

**"OCULUM"** conquers and prevents Cholera, Roup White Diarrhea. Frees from lice. Makes layers at four months. Inoculated fowls healthy. Penny inoculates ten chicks. Cures Diarrhea in calves, goats, sheep and colts. Bottle \$1.00. Experimental size 25c.

**HANCOCK INOCULATUM CO., Inc. - - SALEM, VA.**



**DO YOU KEEP HENS?**

If you do, and if you wish to make the most out of them, you should learn what other people are doing who also keep fowls and make money. They use

**Cyphers Incubators**

because they are the best. It will cost you only a post card to get our big 160-page Free Catalogue. It illustrates the biggest Poultry Plants in America and contains valuable chapters on poultry keeping. Address nearest office.

CYPHERS INCUBATOR CO., Dept. 13  
Buffalo, N. Y.; New York City; Chicago, Ill.;  
Boston, Mass.; Kansas City, Mo.; Oakland, Cal.

**Poultry Palace at Arkansas State Fair**

At the earnest solicitation of poultry breeders in Arkansas, the directors of the State Fair are building a veritable Poultry Palace in Hot Springs to house the magnificent exhibit of prize-winning poultry that will be at the coming fair from October 10 to 15.

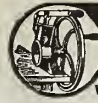
This beautiful and up-to-date building—the finest poultry house in the Southwest—will hold 5,000 birds. It will have an abundance of show space, wide aisles; roomy and well constructed coops; excellent ventilation; and a sanitary, automatic drinking device, constantly supplied with fresh water from a central reservoir.

A new and valuable feature of the Poultry Show will be the daily demonstrations in caponizing by a Government expert, Mr. J. R. Kiser, of Pocahontas, Ark., who will give elaborate instructions by actual work on fowls. This beneficial practice of caponizing male fowls has greatly developed the poultry business, making it more highly successful from a commercial standpoint; and the lectures of Mr. Kiser will be of immense practical benefit to poultry raisers.

The poultry show will be under the management of, perhaps, the ablest poultry man in Arkansas, Mr. G. C. Watkins, editor of the *Union Poultry Journal*, of Ft. Smith, Ark. He will be assisted in judging by two men of national reputation. All the prize winning features of poultry will be fully discussed at the time the final awards are made. It will be possible for all state breeders and raisers to get the very latest and best information on poultry from these experts.

**His Best Season**

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